



123103

16519 U.S. PTO

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KESHAVARZI et al.

Serial No.: Not yet assigned

Filing Date: Filed herewith

For: MEMORY CELL WITHOUT HALO  
IMPLANT

Examiner: Not yet assigned

Group Art Unit: Not yet assigned

**INTEL Docket No.: P18061**17510 U.S. PTO  
10/750566

123103

**MS PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

Sir:

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled: **MEMORY CELL WITHOUT HALO IMPLANT**

and invented by: **KESHAVARZI et al.**

Enclosed are:

1. ☐ Filing Fee as calculated and transmitted as described below
2. ☒ Specification having 14 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross references to Related Applications (*if applicable*)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development

- d. ☐ Reference to Microfiche Appendix (*if applicable*)
- e. ☒ Background of the Invention
- f. ☐ Brief Summary of the Invention
- g. ☒ Brief Description of the Drawings (*if drawings filed*)
- h. ☒ Detailed Description
- i. ☒ Claim(s) as Classified Below
- j. ☒ Abstract of the Disclosure
- 3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)
  - a. ☒ Formal          Number of Sheets 7
  - b. ☐ Informal          Number of Sheets
- 4. ☐ Oath or Declaration
  - a. ☐ Newly executed (*original or copy*)          ☐ Unexecuted
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
  - c. ☐ With Power of Attorney          ☐ Without Power of Attorney
  - d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the Prior Application, see 37. CFR 1.63(d)(2) and 1.33(b).
- 5. ☐ Incorporation By Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- 6. ☐ Assignment Papers (*cover sheet & documents(s)*)
- 7. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
- 8. ☐ English Translation Document (*if applicable*)
- 9. ☒ Information Disclosure Statement/PTO-1449          ☒ Copies of IDS Citations
- 10. ☐ Preliminary Amendment
- 11. ☒ Acknowledgement Postcard
- 12. ☒ Mailed Via
  - ☐ First Class          ☒ Express Mail (*Specify Label No.*) **EL963891161US**
- 13. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
- 14. ☐ Request and Certification under 35 USC 122(b)(2)(B)(i) (*attach PTO/SB/35*)
- 15. ☐ Additional Enclosures:

**FEE CALCULATION**

For	No. Filed	No. Allowed	No. Extra	Rate	Fee
Total Claims	24	- 20	4	\$18.00	\$72.00
Indep. Claims	3	- 3	0	\$86.00	\$0.00
Multiple Dependent Claims (If applicable, please add \$ 290.00)					\$0.00
<b>BASIC FEE</b>					\$770.00
<b>OTHER FEE</b> (specify purpose):					\$0.00
<b>TOTAL FILING FEE</b>					<b>\$842.00</b>

No fee is enclosed.

Respectfully submitted,



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 Date